

## Ferns of Monroe and Adjoining Counties, New York

JOSEPHINE ZOLLMAN EDSON

*POLYPODIUM VULGARE* L. Frequent.

This fern is quite common with us, being found at the Gulf, LeRoy, Clark's Gully, Naples and in an arbor vitae swamp in Chili. At the two former places it is found growing on limestone cliffs, but in the latter it thrives on rotting logs and stumps. Habitat: rocky woods.

*PHEGOPTERIS POLYPODIOIDES* Fée. Rare.

Reynold's Gulf in Livingston County and Clark's Gully, Naples in Ontario County are the only places, to my knowledge, where this fern is found in this locality. It is found, in both instances, in rocky ravines.

*PHEGOPTERIS HEXAGONOPTERA* (Michx.) Fée. Frequent.

This beech fern is much more common than the preceding, being found in almost any dry woods. Have found it in a wood on the Townline Road, Gates, Canadice Heights and Marsh Road, Perinton.

An aid in distinguishing this fern from *P. polypodioides* is the winged rachis of *P. hexagonoptera*.

*PHEGOPTERIS DRYOPTERIS* (L.) Fée. Occasional.

The oak fern has been found in marshy woods at various places in this vicinity among them; Canadice Heights and Reynold's Gulf and in Bergen Swamp in Monroe County.

*ADIANTUM PEDATUM* L. Common.

In practically any woods you may find this attractive fern, whose habitat is either moist or dry woods.



The two places where I have found it most abundant are a wood on the Marsh Road, Perinton and an arbor vitae swamp in Chili.

*PTERIS AQUILINA* L. Common.

This fern haunts the dry fields and roadsides everywhere—one of our commonest ferns.

*PELLAEA ATROPURPUREA* (L.) Link. Rare.

There is only one station in this vicinity for the purple cliff brake, the Gulf, LeRoy, in Genesee County. On the dry limestone cliffs it grows in inaccessible places. This summer I was interested to note a number of sporelings which promise well for the permanency of this station.

*WOODWARDIA VIRGINICA* (L.) Sm. Local.

This fern is found in sphagnum swamps at Spencerport, Mendon Ponds and the Ballinger Swamp, Ionia.

*ASPLENIUM TRICHOMANES* L. Rare.

Rosettes of the dainty *Trichomanes* adorn the cliff faces in Clark's Gully; Naples, Reynold's Gulf, Livingston County, and the Gulf, LeRoy. Habitat: limestone cliffs.

*ASPLENIUM PLATYNEURON* (L.) Oakes. Scarce.

The ebony spleenwort is not a cliff-dweller, but lives in rocky, wooded ravines, where its green pinnae gleam like emeralds against a background of leaf-mould. It has been found at Honeoye Lake and Sullivan's in Ontario County and at the Gulf, LeRoy, Genesee County.

*(To be continued)*

ROCHESTER, N. Y.